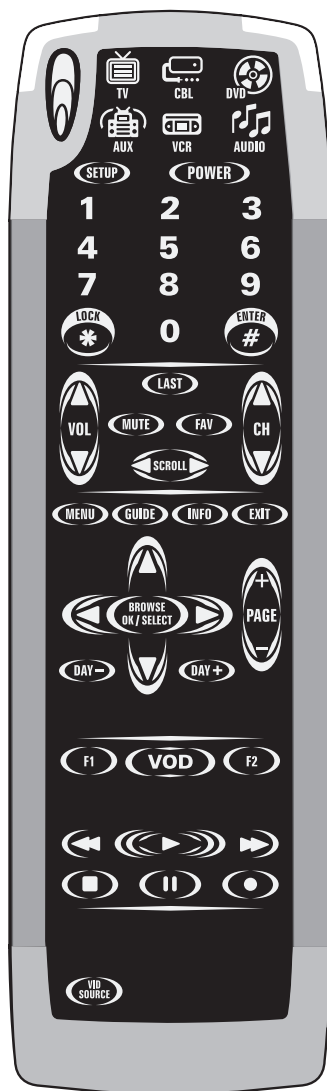URC-1059
**OWNER'S MANUAL**

# KAMELEON™-C6 TOUCHSCREEN REMOTE

**UNIVERSAL ELECTRONICS**
Putting You in Control of Technology

KAMELEON-C6 REMOTE

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## INTRODUCTION

Your Kameleon-C6 Remote is the next generation in remote control technology. Powered by Kameleon, a unique technology that combines the functionality of a traditional remote with the advantages of a touch-screen, your Kameleon-C6 Remote's innovative design operates up to six home entertainment devices including:

TV  CBL  DVD

AUX  VCR  AUDIO
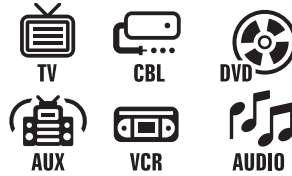
Unique screens identify the specific keys required to operate the digital cable set-top box provided by your cable system. The intuitive interface displays only the active keys for each selected device and the device icon key animates to indicate your selected device.

Let's get started programming your Kameleon-C6 Remote!

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## KAMELEON-C6 REMOTE

## Installing Batteries

Your Kameleon-C6 Remote requires batteries. Four AAA alkaline batteries are included so you can immediately enjoy your Kameleon-C6 Remote.

### ABOUT REPLACING BATTERIES

• Use only new batteries of the required size and recommended type.

• Do not mix old and new batteries, different types of batteries (e.g. standard, alkaline or rechargeable), or rechargeable batteries of different capacities.

• If you do not plan to use the remote for an extended period of time, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.

• Dispose of old batteries promptly and properly.

• Do not burn or bury them.

**Replace your batteries when one of the following conditions occurs:**

• The bottom segment of the IR indicator blinks 5 times after each keypress.

• The remote no longer responds to movement.

### TO INSTALL BATTERIES

1. Unscrew and remove the battery cover from the back of your Kameleon-C6 Remote.

2. Match the batteries to the "+" and "-" marks inside the battery case, then insert the batteries accordingly.

3. Reposition the battery cover and tighten the screw.

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REMEMBER
• YOUR KAMELEON-C6 REMOTE HAS PERMANENT MEMORY RETENTION. REMOVING THE BATTERIES WILL NOT REQUIRE YOU TO REPROGRAM THE REMOTE.

• YOUR KAMELEON-C6 WILL "SLEEP" (TURN OFF) AFTER 7 SECONDS OF INACTIVITY TO CONSERVE THE BATTERIES. PICKING UP THE REMOTE OR PRESSING ANY KEY WILL TURN ON THE REMOTE AND THE KEYPAD BACKLIGHT.

• THE FIRST TIME YOU INSTALL BATTERIES, YOU WILL NEED TO PRESS THE TOUCH-PANEL TO ACTIVATE THE REMOTE CONTROL.

## Kameleon-C6 Remote Keypad Overview

Familiarize yourself with the unique features of your Kameleon-C6 Remote. Up to six devices can be controlled by your Kameleon-C6 Remote, as indicated by the icons on the top of the keypad.
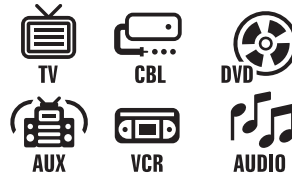


DEVICE MODE KEYS

You can program your Kameleon-C6 Remote to control your devices using these device mode keys.

Each device mode has a main and a menu screen– you can readily switch between these two screens for each device mode by hitting the scroll key. Your Kameleon-C6 intuitively displays only the active keys for each device mode.
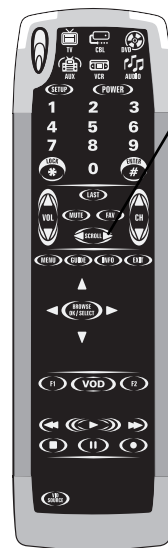


SCROLL

PRESS THE SCROLL KEY TO SWITCH TO THE MENU SCREEN FOR EACH DEVICE.

CABLE MAIN SCREEN

CABLE MENU SCREEN

**Kameleon-C6 Remote Keypad Overview 5**

## Keypad Overview

Your Kameleon-C6 Remote is designed to control the following functions:

IR (infrared) Indicator

Device Modes Keys

Main Function Screens

Channel & Volume Control Keys

Menu Navigation

Macro Keys

VCR/PVR/ DVD Transport Keys

TV/Set-Top Box Controls

CABLE MENU SCREEN

## Keypad Functions

### IR (INFRARED)INDICATOR

The IR Indicator animates when IR is being "sent" or "received". The IR will show "outgoing IR" whenever a functional key is pressed.

### DEVICE MODE KEYS

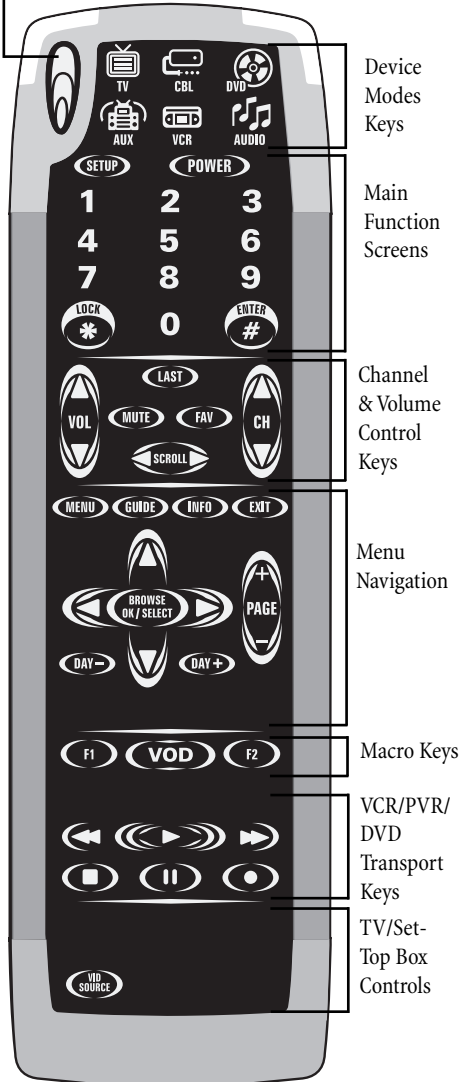TV   CBL   DVD   AUX   VCR   AUDIO

The TV, CBL, DVD, AUX, VCR, AUDIO are device mode keys that select the device that you want to control. For example, pressing the TV key allows the remote to control the functions of your Television. The selected device mode key animates to indicate the current device mode you are in.

### MAIN FUNCTION SCREENS

**Setup [ SETUP ]**
Press Setup key for all programming sequences. When you press and hold the Setup key for at least 3 seconds, the bottom of the IR Indicator will blink twice to indicate a successful action.

**Power [ POWER ]**
The Power key controls the same function as on your original remote.

**Digit Keys [ 1 2 3 4 5 6 7 8 9 0 ]**
The Digit (1-9, 0) keys control the same function as on your original remote.

**Lock [ ✱ ]**
Use Lock key to parentally lock out channels from viewing.

**Enter [ # ]**
Use Enter key to control the same function as on your original remote.

### CHANNEL & VOLUME CONTROL KEYS

**Vol [ VOL ]**
Use Vol+ or (Vol-) key to raise (or lower) the audio's volume.

**Last [ LAST ]**
Press Last key once to recall the last channel.

**Mute [ MUTE ]**
Press Mute key once to turn the sound off or on.

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**CHANNEL & VOLUME CONTROL KEYS** continued

**Fav [ FAV ]**

Use Fav key to cycle through your favorite channels stored in your cable converter.

**Scroll [ SCROLL ]**

Use the Scroll key to cycle through the available device screens for the selected mode.

**CH [ CH ]**

Use CH+ (or CH-) key to select the next higher (or lower) channel.

*For amplifiers/receivers, use these keys to select the next higher (or lower) preset station.*

### MENU NAVIGATION

**Menu [ MENU ]**

Press Menu key once to display the selected device's menu options.

**Guide [ GUIDE ]**

Use Guide key to display the program Guide.

**Info [ INFO ]**

Use Info key to display the current channel and program information.

**Exit [ EXIT ]**

Use Exit key to exit out of the selected device's menu or guide.

**Settings [ SETTINGS ]**

Press Settings key once to access additional cable features.

*For DVD, use Settings to access the DVD Players internal SETUP menu.*

**Surround [ SURROUND ]**

In AUDIO or AUX mode, use Surround key to change the surround sound settings.

**Cursor [ ORANGE OK/SELECT ]**

Use the Cursor keys to move the cursor in the program guide and menu screens and to navigate within the interactive service. Use OK/SELECT key to choose options while using the Guide or Menu key of the selected device.

**Page [ PAGE ]**

Use Page + (or Page -) key to page up (or page down) through menu screens and the program guide.

## BATTERIES/KEYPAD OVERVIEW

**MENU NAVIGATION** continued

**Day [ (DAY−) , (DAY+) ]**
Use DAY+ (or DAY-) key to move a day forward
(or back) on your cable converter's program
guide.

**A, B, C [ (A), (B), (C) ]**
Use A, B, or C keys to access additional cable
features (see your cable converter's manual).

### MACRO KEYS
**F1, VOD, F2 [ (F1), (F2), (VOD) ]**
Reserved for use as "Tune-In"keys
(see "Creating Other Macros" on page 20).

### VCR/PVR/DVD TRANSPORT KEYS
**Replay [ ↻ ]**
Use Replay key to command your PVR to
instantly replay the last 7 seconds of a program
you are watching.

**List [ (LIST→) ]**
Press List key once to display a list of recorded
shows on your PVR.
Press -->| to advance to the next Chapter while
viewing a DVD

**Live [ (LIVE) ]**
Press Live key to return to watching live TV.

**Rewind Arrow**
[ (◄◄) (●) (►►) (■) (‖) ]
In all modes except CBL, use REW, PLAY,
FFWD, STOP, and PAUSE to control a VCR,
DVD player, or a PVR (after selecting a desired
device). To record in the VCR mode, press REC
twice.

*In the CBL mode, use above keys to control
DVR/PVR functions of the set-top box.*

### TV OR SET-TOP BOX CONTROLS

**Pip [ (PIP ON OFF) ]**
Use PIP ON-OFF key to switch the Picture-In-
Picture feature on or off (if available on your
TV or cable service).

**Vid Source [ (VID SOURCE) ]**
The Vid Source key performs same functions
as the TV/VCR or Input key on your original
remote.

**Swap [ (SWAP) ]**
Use PIP SWAP key to switch images and sound
between the main and window pictures.

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**TV OR SET-TOP BOX CONTROLS** continued

**Move [ MOVE ]**
Use PIP MOVE key to move the window picture to
different positions in the main picture.

**Sur Snd [ CH ]**
Use the Sur Snd + (or Sur Snd -) keys to adjust
the surround sound speaker levels.

**PIP Ch [ CH ]**
Use PIP CH + (or PIP Ch -) keys to select the next
higher (or lower) PIP channel.

### PREPROGRAMMED DEVICES

If you have any of the following preprogrammed
devices, you may start using your Kameleon-C6
Remote immediately. Your Kameleon-C6 Remote
is preprogrammed to operate the following
brands:

| Brand | Device | Code |
|---|---|---|
| RCA | TV | 0047 |
| RCA | VCR | 0060 |
| RCA | DVD | 0522 |
| Scientific Atlanta | Cable | 1877 |
| Pioneer | AUX | 0032 |
| Pioneer | Audio | 0123 |

## Programming Your Kameleon-C6 Remote

The device mode keys located at the top of your Kameleon-C6 Remote are designed to control:

| TV | CBL | DVD |
|---|---|---|
| TV | •Cable Box | •DVD |
| | •Video Accessory | •VCR |
| | | •PVR |

| AUX | VCR | AUDIO |
|---|---|---|
| •Amp/Tuner | •VCR | •Amp/Tuner |
| •Amplifier | •DVD | •Amplifier |
| •CD | •PVR | •CD |
| •Home Theater in Box | | •Home Theater in Box |

### TO PROGRAM YOUR KAMELEON-C6 REMOTE

To set up other devices, perform the following steps to program your Kameleon-C6 Remote. Repeat the steps for each desired device one at a time.

1. Turn your **device on**.

2. **Find your device code** in the Manufacturer Code section (see page 28-41). The most common code for each brand is listed first.

3. Press the **desired device mode key** on your Kameleon-C6.

4. Press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

5. Enter the **first four-digit Manufacturer Code.** The bottom of the IR indicator will blink twice.

6. Lastly, aim the Kameleon-C6 at your device and press **Power**. If the device does not respond, repeat steps 3-5 using the next Manufacturer Code listed under your brand.

7. Repeat the process for each additional device you would like to program into the remote.

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REMEMBER
• IF THE LISTED DEVICE'S MANUFACTURER CODES DO NOT WORK, TRY
"SEARCHING FOR YOUR DEVICE'S MANUFACTURER CODE." SEE BELOW.

• IF THE ORIGINAL REMOTE CONTROL FROM YOUR VCR DOES NOT HAVE A
POWER KEY, PRESS PLAY INSTEAD OF POWER ON STEP 6.

• YOU CAN ALSO SET UP A SECOND TV, CBL , DVD, AUX, VCR, OR AUD.
SEE "REASSIGNING DEVICE MODE KEYS" ON PAGE 21.

### Searching for Your Device's Manufacturer Code

If you have tried all of your Device's Manufacturer
Codes and your device still does not respond to
the Kameleon-C6 Remote, "Searching for Your
Device's Manufacturer Codes" allow you to manu-
ally find the Manufacturer Code for your device.
Kameleon-C6 Remote can cycle through all the
codes in its code library memory until it finds a
code that properly operates the device you wish to
program.

### TO SEARCH FOR YOUR DEVICE'S MANUFACTURER CODE

1. Turn your **device on**.

2. Press the **desired device mode key** on your
Kameleon-C6.

3. Press **Setup** for at least 3 seconds. The bottom
of the IR indicator will blink twice.

4. Press **9 9 1** on the keypad. The bottom of the IR
indicator will blink twice.

5. Aim your remote at your device and **press the
device mode key followed by Power.**

5a. If your device turns off, press and release the
**Setup** key to store the code.

5b. If your device does not turn off, press the
device mode key to cycle through the next set of
codes and press Power again.
Repeat step 5b until you find the code that turns
off your device.

REMEMBER
• KEEP THE REMOTE POINTED AT YOUR DEVICE WHILE REPEATING THE
STEPS. PLEASE BE PATIENT.

• IF A KEY IS NOT PRESSED WITHIN 30 SECONDS DURING STEP 5, YOUR
KAMELEON-C6 REMOTE WILL EXIT THE SETUP MODE AND RETURN TO
THE PREVIOUSLY SELECTED CODE.

• IF THE ORIGINAL REMOTE CONTROL FROM YOUR VCR DOES NOT HAVE A
POWER KEY, PRESS PLAY INSTEAD OF POWER IN STEP 5.

## Handling and Care

The following are some tips for caring for your Kameleon-C6 Remote:

• Keep the remote dry. If it accidentally gets wet, wipe it dry immediately.

• Handle the remote gently and carefully. Don't drop or throw the remote.

• Use and store the remote only in normal temperature environments.

• Keep the remote away from dust and dirt.

• When necessary, wipe the remote with a damp cloth to keep it looking new.

• Modifying or tampering with internal parts can cause damage.

**Congratulations!** Your Kameleon-C6 is ready to operate your home entertainment components. You can maximize all of Kameleon-C6 features by setting up the remote with advanced options like Adjusting Keypad Brightness, Volume Lock and Unlock, Channel Control Lock, and Creating Custom Keys.

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## Device Code Verification

You can verify any device code that you have pro-
grammed. This will be helpful in retrieving an
existing device's Manufacturer Code programmed
into your Kameleon-C6 Remote for future refer-
ence.

### TO VERFIY A DEVICE CODE

1. Press the **desired device mode key** on your
Kameleon-C6 Remote.

2. Press **Setup** for at least 3 seconds. The bottom
of the IR indicator will blink twice.

3. Press **9 9 0** on the keypad. The bottom of the IR
indicator will blink twice.

4. **To determine the first digit of your 4-digit
code, press 1 and count the number of blinks
on the bottom part of the IR indicator.** For
example, if there is one blink, then the digit is "1"
-– if there is two blinks, the digit is "2"– and so
on. If there are no blinks, the digit is "0."

5. For the second digit, **press 2** and count the
number of blinks .

6. For the third digit, **press 3** and count the num-
ber of blinks .

7. Lastly, for the fourth digit, **press 4** and count
the number of blinks .

REMEMBER
• YOU ARE VERIFYING THE CODE FOR THE SELECTED DEVICE.

• IF AFTER PRESSING 9 9 0, ANY DIGIT OTHER THAN 1 IS PRESSED, YOUR
KAMELEON-C6 WILL EXIT THE SETUP MODE.

• IF A KEY IS NOT PRESSED WITHIN 30 SECONDS, YOUR KAMELEON-C6
REMOTE WILL EXIT THE DEVICE CODE VERIFICATION.

## Adjusting Keypad Brightness

You can customize the backlight setting on your
Kameleon-C6 keypad.

### TO ADJUST BRIGHTNESS

1. Press **Setup** for at least 3 seconds. The bottom
of the IR indicator will blink twice.

2. Press **9 7 4** on the keypad. The bottom of the IR
indicator will blink twice.

3. **To increase the brightness press CH+. To
decrease the brightness press CH-.**

4. Lastly, press **Setup** again to save the new
brightness setting.

## Volume Lock and Unlock

You can customize the volume control in your Kameleon-C6 Remote by "locking" or "unlocking" the volume control for a device (e.g. TV) while in a different device mode (e.g. VCR). For example, if you are watching a movie on your VCR, you can adjust the volume on your TV without first pressing the TV device mode key.

The volume default setting for each device mode is locked to the TV device mode. With the Volume Unlock feature, you can customize the volume setting for any device.

### TO UNLOCK THE VOLUME CONTROL FOR A DEVICE

1. Press the **desired device mode key**.

2. Press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

3. Press **9 9 3** on the keypad. The bottom of the IR indicator will blink twice.

4. Lastly, press the **VOL (-) key once.** The bottom of the IR indicator will blink four times.

Now, when you are in that selected device mode, you will be able to adjust the volume using the VOL +/- keys on your Kameleon-C6 Remote.

### TO LOCK THE VOLUME CONTROL FOR ONE DEVICE WHILE IN A DIFFERENT DEVICE MODE

1. Press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

2. Press **9 9 3** on the keypad. The bottom of the IR indicator will blink twice.

3. Lastly, press the **device mode key** for the device you want to Lock. The bottom of the IR indicator will blink twice.

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## Channel Control Lock

The Kameleon-C6 Remote includes a program-ming feature that allows you to program the remote's channel control capabilities to be locked to the cable converter using the following keys: 0~9, CH+, CH-, ENTER,and LAST*. This will guarantee that you do not inadvertently change a channel on your TV or VCR.

This feature is de-activated by default and can be activated or de-activated by following the steps below.

\*NOTE: THIS FEATURE DOES NOT AFFECT THE AUD OR AUX MODES.

### TO ACTIVATE CHANNEL CONTROL LOCK

1. Press **CBL device mode** key once. It will blink once.

2. Press **Setup** until the CBL key blinks twice, then release Setup.

3. Enter **9 7 3**.The CBL key will blink twice.

4. Press **CH + once**. The CBL key will blink two times.

5. Now, regardless of what mode you select (except AUD or AUX), only the channel control capability of your cable converter will be accessible.

### TO DE-ACTIVATE CHANNEL CONTROL LOCK

1. Press **CBL device mode key** once. It will blink once.

2. Press **Setup** until the CBL key blinks twice, then release Setup.

3. Enter **9 7 3**.The CBL key will blink twice.

4. Press **CH- once**. The CBL key will blink four times.

5. Now, the remote control will provide TV and VCR channel-control capabilities while in the TV or VCR mode.

## Creating Custom Keys

You can easily create custom keys on your Kameleon-C6 keypad by two ways:

• The Learning Feature allows you to transfer functions from your original remote to your Kameleon-C6 Remote. See below.

• Macros allow you to program a sequence of events into one convenient press button. See "Creating the Power Macro" on page 20.

You can combine a Learned key in a Macro sequence, creating an even more personalized Kameleon-C6 remote. Furthermore, even if a Learned function used in a Macro is subsequently deleted, the Macro will revert to the keys original function.

## The Learning Feature

Your Kameleon-C6 Remote comes with a complete library of pre-programmed codes. After you have set up your Kameleon-C6 –for your device, you may find that there are one or more keys on the device's original remote control that you would like to have on the Kameleon-C6 keypad.

Your Kameleon-C6 Remote includes a Learning Feature so you can add functions that are unique to your home entertainment devices (e.g. VCR Tracking Up or Down). You may assign the Learned Function to any key, except for the Setup, Scroll and device mode keys (TV, CBL, DVD, AUX, VCR and Audio).

REMEMBER
• YOUR ORIGINAL REMOTE CONTROL MUST BE IN WORKING ORDER FOR THE LEARNING FEATURE TO WORK PROPERLY.

• LEARNED FUNCTIONS ARE DEVICE MODE SPECIFIC, SO EACH KEY CAN STORE A UNIQUE FUNCTION FOR EACH DEVICE MODE.

• LEARNED KEYS CAN BE USED IN MACROS (SEE "CREATING OTHER MACROS" ON PAGE 20.)

• ASSIGNING LEARNED FUNCTIONS TO THE SETUP, SCROLL OR DEVICE MODE KEYS WILL OVERWRITE THE KEYS' ORIGINAL FUNCTIONS.

• WHEN PROGRAMMING LEARNED KEYS, AVOID HIGH LEVELS OF AMBIENT LIGHT SUCH AS NATURAL SUNLIGHT OR ENERGY-EFFICIENT FLUORESCENT LIGHTS.

• HAVE YOUR ORIGINAL REMOTE CONTROLS HANDY WHEN PROGRAMMING THE LEARNING FEATURE.

• BE SURE TO PRESS EACH KEY WITHIN 30 SECONDS OF THE PREVIOUS ENTRY. IF NOT, THE KAMELEON-C6 REMOTE WILL TIME OUT AND THE CUSTOM KEY YOU WISH TO LEARN WILL NEED TO BE PRESSED AGAIN.

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### TO PROGRAM A LEARNED FUNCTION

1. Place your Kameleon-C6 Remote and your original remote control on a flat surface. Position the remotes no more than 1 to 2 inches apart. Make sure the ends that you normally point at your device are facing each other. See image below.



1 TO 2 INCHES APART

KAMELEON-C6 REMOTE     ORIGINAL REMOTE
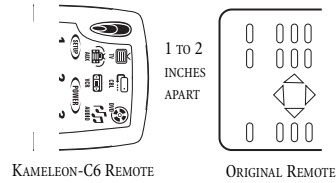
2. On your Kameleon-C6 Remote, press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

3. Press **9 7 5** on the Kameleon-C6 keypad. The bottom of the IR indicator will blink twice.

4. **On your Kameleon-C6 Remote, press the device mode key** for which you want to copy the learned function from your original remote.

5. **On your Kameleon-C6 Remote, press the key (e.g., F1 key) you want to save the Learned function.** The bottom of the IR indicator will blink an "incoming IR" three times and your Kameleon-C6 Remote will switch off.

6. **Press and hold the original remote control's key** (e.g., mono/stereo key on your original remote control) until Kameleon-C6 keypad switches back on. The bottom of the Kameleon-C6's IR indicator will blink twice to indicate a successful transfer. A long blink indicates failure.

7. If you want to copy other functions from the same original remote, **simply repeat steps 5 and 6, pressing the next key you want to copy.**

8. Lastly, to exit the Learning Feature, press **Setup** on your Kameleon-C6 for at least 3 seconds. The bottom of the IR indicator will blink twice.

---

REMEMBER

• AFTER THE KAMELEON-C6 KEYPAD SWITCHES OFF IN STEP 5, YOU NEED TO PRESS THE KEY ON YOUR ORIGINAL REMOTE WITH IN 5 SECONDS. OTHERWISE, YOUR KAMELEON-C6 REMOTE WILL EXIT THE LEARNING MODE.

• AFTER 30 SECONDS OF INACTIVITY WHILE IN LEARNING FEATURE, THE REMOTE WILL EXIT THE LEARNING MODE.

• IN THE LEARNING MODE, KEYS SUCH AS "TV MENU" WILL NOT CHANGE THE SCREEN WHEN PRESSED.

• IF YOU WANT A KEY THAT IS NOT IN THE MAIN SCREEN TO LEARN A FUNCTION, USE THE SCROLL KEY TO CHANGE THE SCREEN.

• THE LEARNING FEATURE IS DEVICE MODE SPECIFIC–– THEREFORE, YOU CAN PLACE ONE LEARNED FUNCTION PER DEVICE MODE ON THE SAME KEY.

• THE KAMELEON-C6 CAN LEARN UP TO 25 FUNCTIONS.

• YOU CAN OVERRIDE A LEARNED FUNCTION BY PROGRAMMING A NEW LEARNED FUNCTION ON THE SAME KEY.

• LEARNING SHOULD NOT BE DONE IN DIRECT SUNLIGHT OR UNDER INCANDESCENT LIGHTS.

• MAKE SURE YOU ARE USING FRESH BATTERIES WHEN USING THE LEARNING FEATURE.

• WHEN CHANGING BATTERIES, YOUR LEARNED FUNCTIONS WILL BE RETAINED.

**ABOUT THE LEARNING FEATURE**

• Some device functions are not learnable, including those with multi-frequency codes, some high-frequency codes, and other unusual formats.

• You will be able to transfer only one function at a time from your original remote to your Kameleon-C6 Remote.

• To perform a sequence of Learned Functions, you can program Macros. See "Creating Other Macros" on page 20.

## Deleting a Learned Function

You can delete a single learned function or all learned functions for a certain device mode.

### TO DELETE A SINGLE LEARNED FUNCTION

1. Press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

2. Press **9 7 6** on the keypad. The bottom of the IR indicator will blink twice.

3. Press the **Custom Key** that holds the function you wish to delete.

4. Lastly, press the **Custom Key** again to confirm deletion.

### TO DELETE ALL LEARNED FUNCTIONS WITHIN A CERTAIN DEVICE MODE

1. Press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

2. Press **9 7 6** on the keypad. The bottom of the IR indicator will blink twice.

3. Press the **device mode key** in which you want to delete all functions.

4. Lastly, press the **device mode key again** to confirm.

## Creating the Power Macro

You can program the Power key on your Kameleon-C6 Remote to turn on and off multiple devices at the same time. You can command up to six devices with one press of your Power key!

### TO PROGRAM THE MACRO FOR THE POWER KEY

1. Press the **Cable device mode key**.

2. Press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

3. Press **9 9 5** on the keypad. The bottom of the IR indicator will blink twice.

4. Press the **Power key**.

5. **Press the mode key for the first device that you want to program, followed by the mode keys for each device you want to command** (up to six devices).

6. Lastly, press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

## Creating Other Macros

In addition to programming the Power key as a Macro, you can program other custom keys on your Kameleon-C6 Remote to conveniently perform a sequence of commands at the press of one button. For example, if your cable system has a VOD service that has information available on channel 0-0-1, you can program the VOD key to tune to this channel with one key press.

You can install a Macro on any key, except for the Setup key and the devices mode keys (TV, CBL, DVD, AUX, VCR, and Audio).

### TO PROGRAM A MACRO

1. Press **Cable device mode key**.

2. Press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

3. Press **9 9 5** on the keypad. The bottom of the IR indicator will blink twice.

4. Press **VOD** key.

5. **Press Cable Device mode key followed by 0-0-1.**

6. Lastly, to save the Macro, press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

Now, whenever you press the programmed custom VOD key, the Kameleon-C6 Remote will tune the cable converter to channel 001.

REMEMBER
• EACH MACRO CAN CONSIST OF A MAXIMUM OF 15 KEYSTROKES.

• YOU CAN COMBINE A LEARNED KEY IN A MACRO SEQUENCE, CREATING AN EVEN MORE PERSONALIZED KAMELEON-C6 REMOTE. (IF A LEARNED FUNCTION USED IN A MACRO IS SUBSEQUENTLY DELETED, THE MACRO WILL REVERT TO THE KEY'S ORIGINAL FUNCTION.)

• TO INCLUDE A FUNCTION FROM A PARTICULAR SCREEN IN A DEVICE MODE, USE THE SCROLL KEY.

• MAKE SURE THAT YOU PROGRAM A MACRO ON A SPARE KEY THAT YOU DON'T USE IN ANY DEVICE MODE.

• ONCE YOU PROGRAM A MACRO ON A SPECIFIC KEY, THE SEQUENCE WILL WORK REGARDLESS OF THE DEVICE MODE YOU ARE IN. THIS MEANS THAT THE FUNCTION ORIGINALLY PROGRAMMED ON THAT SPECIFIC KEY WILL BE OVERWRITTEN.

• TO AVOID ACCIDENTAL RECORDINGS, YOU MUST PRESS THE RECORD KEY ON YOUR KAMELEON-C6 REMOTE TWICE TO RECORD. PLEASE NOTE THAT IF YOU ASSIGN A MACRO TO THE RECORD KEY, YOU WILL DE-ACTIVATE THE DOUBLE KEY PRESS– THEREFORE WE DO NOT RECOMMEND ASSIGNING A MACRO TO THIS KEY.

• IF YOU HAD TO HOLD DOWN A KEY FOR A FEW SECONDS ON THE ORIGINAL REMOTE CONTROL TO GET A FUNCTION, THIS FUNCTION MAY NOT WORK IN A MACRO ON YOUR KAMELEON-C6 REMOTE.

• A KEY THAT IS PROGRAMMED WITH A MACRO WORKS IN ANY DEVICE MODE INCLUDED ON THAT MACRO.

You can delete a Macro for any of the keys that were assigned a macro.

### TO DELETE A MACRO

1. Press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

2. Press **9 9 5** on the keypad. The bottom of the IR indicator will blink twice.

3. Press the **desired custom Macro key.**

4. Press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

## Reassigning Device Mode Keys

**Setting up an Additional Device**

The six device mode key icons are designed to easily identify the most common combination of home entertainment devices.

However, any device mode key can be programmed to control any home entertainment device, even though the icon may not match that particular device. For instance, if you want to control two televisions, one cable, and a DVD player, you can assign one television, one cable, and one DVD player to the mode keys with the appropriate icons. Then assign the second television to any one of the remaining keys (AUX, VCR, or Audio). Simply follow the steps in "Programming Your Kameleon-C6 Remote on page 11."

### TO CREATE SECOND DEVICE MODE KEY

**Example 1**: If you wish to program a second TV on the DVD key. Follow the steps to change the DVD key into a TV key:

1. Press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

2. Press **9 9 2** on the keypad. The bottom of the IR indicator will blink twice.

3. Press the **TV device mode key**.

4. Lastly, press the **DVD device mode key**. The bottom of the IR indicator will blink twice.

5. Repeat steps 1-4, pressing a different device mode key to create the additional device.

6. Refer to "Programming Your Kameleon-C6 Remote" on page 11 to program in the Manufacturer Code for your device.

### TO RESET A DEVICE KEY

**Example 1** (continued): If you wish to reset the DVD key to its original mode, follow the steps:

1. Press **Setup** for at least 3 seconds. The bottom of the IR indicator will blink twice.

2. Press **9 9 2** on the keypad. The bottom of the IR indicator will blink twice.

3. Press the **DVD device mode key**.

4. Lastly, press the **DVD device mode key** again. The bottom of the IR indicator will blink twice.

## Trouble Shooting

**Problem:** No icons or keys light up when you press a key.
**Solution:** Replace the batteries with new 4 AAA Alkaline Batteries. See "Installing Batteries" on page 4.

**Problem:** Device mode key blinks when you press a key, but home entertainment device does not respond.
**Solution:** Make sure you are aiming your Kameleon-C6 Remote directly at your home entertainment device and that you are within 15 feet of the device you are trying to control.

**Problem:** My Kameleon-C6 Remote does not control home entertainment devices or commands are not performing properly.
**Solution:** Try all listed device manufacturer codes. Make sure all devices can be operated with an infrared remote control.

**Problem:** TV/VCR Combo does not respond properly.
**Solution:** Use the VCR codes for your brand. Some combo units may require both a TV code and a VCR code for full operation.

**Problem:** There is no volume on the second TV.
**Solution:** Follow the instructions in "Volume Lock and Unlock" on page 15.

**Problem:** CH+, CH- and LAST do not work on my RCA TV.
**Solution:** Due to RCA design (1983 -1987), only the original remote control will operate these functions.

**Problem:** Tried "Searching for Your Device's Manufacturer Code" and still could not find a working device code.
**Solution:** Clear out the device mode key and then try "Searching for Your Device's Manufacturer Code" on page 12 again.

### TO CLEAR THE DEVICE MODE KEY

1. Press **Setup** for at least 3 seconds. The IR indicator will blink twice.

2. Press **9 9 2** on the keypad. The bottom of the IR indicator will blink twice.

3. Lastly, press the **desired device mode key**.

4. Lastly, press the **same device mode key**.

**Problem:** Kameleon-C6 Remote control does not turn on Sony or Sharp TV/VCR Combo.
**Solution:** To turn on Sony or Sharp TV/VCR Combo, program the following Manufacturer Codes on the appropriate device mode keys:
Sony – TV: 0000, VCR: 0032
Sharp-V: 0093, VCR: 0048
See "Programming Your Kameleon-C6 Remote" on page 11.

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## Glossary

**Amp/Tuner**- n. short for Amplifier and Tuner. It is one of the devices that can be programmed under the AUX and AUDIO device mode keys on your Kameleon-C6.  See "Your Kameleon-C6 Keypad Overview" on page 11.

**AUD**- n. short for Audio. .

**AUX**- n. short for Auxiliary. It is one of the device modes on your Kameleon-C6 Remote. See "Your Kameleon-C6 Keypad Overview" on page 6.

**Blink**- v. It describes an action or animation. Mainly used to describe how the IR indicator displays when a step is followed correctly.

**CD**- n. short for Compact Disk. It is one of the devices that can be programmed under the AUX device mode key on your Kameleon-C6 Remote. See "Your Kameleon-C6 Keypad Overview" on page 11.

**Code**- n. see Device's Manufacturer Codes.

**Combo**- n. See TV/VCR Combos.

**Device**- n. A device is a home entertainment component or system.

**Device Modes, Device Keys**- n. These are the keys with icons located at the top of your Kameleon-C6 Remote. See Your "Kameleon-C6 Keypad Overview" on page 6.

**Device Codes**- n. see Device Manufacturer's Codes.

**Device's Manufacturer Code**- n. The Device's Manufacturer Code section of the manual lists codes for each device with the most common code listed first. See page 28.

**DVD**- n. short for Digital Video Disk. It is one of the device modes on your Kameleon-C6 Remote. See "Your Kameleon-C6 Keypad Overview" on page 11.

**Home Theater in Box**- n. It is an audio device that can be programmed under the Audio device mode key. See "Your Kameleon-C6 Keypad Overview" on page 11.

**IR**- n. short for Infrared. It is located in the upper left corner of your Kameleon-C6 Remote. See "Your Kameleon-C6 Keypad Overview" on page 6.

## GLOSSARY

**Learn**- v. It is the ability to transfer functions from your original remote to your Kameleon-C6 Remote. See "The Learning Feature" on page 17.

**Learning Feature**- n. The Learning Feature is a feature of your Kameleon-C6 Remote that allows it to "learn" functions from your original remote. See page 17.

**Macro**- v. To program a sequence of actions into one key press. See "Creating Other Macros" on page 20.

**Original Remote**- n. Refers to the original remote control that your Kameleon-C6 Remote is replacing.

**PIP**- n. short for Picture in Picture. It is one of the TV/Set-top box controls on your Kameleon-C6 Remote.

**Power-** n. Power is a key on the top middle of your Kameleon-C6 remote. See your "Kameleon-C6 Keypad Overview" on page 6.

**PVR**- n. short for Personal Video Recorder. It is one of the devices that can be programmed under the DVD and VCR device mode key on your Kameleon-C6 Remote.

**Setup, Setup Key**- n. It is a key on the top middle of your Kameleon-C6 Remote. It is mainly used in all of the programming steps. See "Kameleon-C6 Keypad Overview" on page 6.

**TV**- n. short for Television. It is one of the device modes on your Kameleon-C6 Remote. See "Kameleon-C6 Keypad Overview" on page 6.

**TV/VCR Combo**- n. It is a device that includes both a TV and a VCR in one unit. See "Trouble Shooting" on page 23.

**VCR**- n. short for Video Cassette Recorder. It is one of the device modes on your Kameleon-C6 Remote. See "Kameleon-C6 Keypad Overview " on page 6.

**VOD**- n. short for Video on Demand. It is one of the Macro keys on your Kameleon-C6 Remote. See "Kameleon-C6 Keypad Overview" on page 6.

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## Additional Information

This product does not have any user-serviceable parts. Opening the case, except for the battery cover, may cause permanent damage to your Kameleon-C6 remote.

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Manual #M1059 . . . . . . . . . . . . . . . . . . . . . . .5/03

## FCC Statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference with one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

This equipment has been verified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with noon-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

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**SETUP CODES FOR AMPLIFIERS**
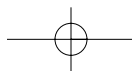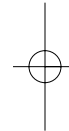
GE
0078

Harman/Kardon
0892

JVC
0331

Left Coast
0892

Marantz
0892

Optimus
0395

Philips
 0892

Polk Audio
0892

Realistic
0395

Soundesign
0078

Victor
0331

Wards
0078

Yamaha
0354

**SETUP CODES FOR CABLE**

ABC
0003
0008

Americast
0899

Bell South
0899

Director
0476

General Instrument
0476
0003
0276

GoldStar
0144

Jerrold
0476
0003
0276

Memorex
0000

Motorola
0476
0276

Pace
 0237

Panasonic
0000

Paragon
0000

Philips
0305

Pioneer
0877
0144
0533
1877

Pulsar
0000

Quasar
0000

Runco
0000

Samsung
0144

Scientific Atlanta
0877
0008
0477
1877

Sony
1006

Starcom
0003

Supercable
0276

Torx
0003

Toshiba
0000

Zenith
0000
0525
0899

**SETUP CODES FOR CD PLAYERS**

Aiwa
0157

Burmester
0420

California Audio Labs
0029

Carver
0157

Classic
1297

DKK
0000

DMX Electronics
0157

Denon
0873
0003

GPX
1296

Garrard
0393
0420

## MANUFACTURER CODES

| | |
|---|---|
| Genexxa | Polk Audio |
| 0032 | 0157 |
| Harman/Kardon | Proton |
| 0157 | 0157 |
| Hitachi | QED |
| 0032 | 0157 |
| Integra | Quasar |
| 0101 | 0029 |
| JVC | RCA |
| 0072 | 1062 |
| 1294 | 0032 |
| KLH | 0053 |
| 1318 | 0468 |
| Kenwood | Realistic |
| 0681 | 0420 |
| 0626 | Rotel |
| 0028 | 0157 |
| 0037 | 0420 |
| 0190 | SAE |
| Krell | 0157 |
| 0157 | Sansui |
| Linn | 0157 |
| 0157 | Sharp |
| MCS | 0861 |
| 0029 | 0037 |
| MTC | Sonic Frontiers |
| 0420 | 0157 |
| Magnavox | Sony |
| 0157 | 0490 |
| Marantz | 0000 |
| 0626 | 0100 |
| 0029 | 0185 |
| 0157 | Soundesign |
| Miro | 0145 |
| 0000 | TAG McLaren |
| Mission | 0157 |
| 0157 | TDK |
| NSM | 1208 |
| 0157 | Tascam |
| Onkyo | 0420 |
| 0868 | Teac |
| 0101 | 0393 |
| Optimus | 0420 |
| 1063 | Technics |
| 0000 | 0029 |
| 0032 | Victor |
| 0037 | 0072 |
| 0145 | Wards |
| 0420 | 0157 |
| 0468 | 0053 |
| Panasonic | Yamaha |
| 0029 | 0888 |
| Parasound | 0036 |
| 0420 | 1292 |
| Philips | Yorx |
| 0626 | 0461 |
| 0157 | |
| Pioneer | |
| 1063 | |
| 1062 | |
| 0032 | |
| 0468 | |

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### SETUP CODES FOR VIDEO

Hewlett Packard
1272

Microsoft
1272

Panasonic
1120

Pioneer
1010

Princeton
0113
0295

Samsung
1190

Sensory Science
1126

Sharp
1010

### SETUP CODES FOR RECEIVERS

ADC
0531

Aiwa
1089
1405
0158
0189
1388

Alco
1390

Anam
1609

Apex Digital
1257

Audiotronic
1189

Audiovox
1390

Bose
1229
1253

Capetronic
0531

Carver
1089
1189
0189

Denon
1360

Harman/Kardon
0110
0189

Integra
0135

JBL
0110

JVC
0074
1374

KLH
1390

Kenwood
1313
1027
1570
1569
0027

Lasonic
1798

Linn
0189

MCS
0039

Magnavox
1089
1189
1269
0189
0531

Marantz
1089
1189
0039
0189

Musicmagic
1089

Norcent
1389

Onkyo
0135
0842

Optimus
1023
0531

Panasonic
1518
0039

Philips
1089
1189
1269
0189

Pioneer
1023
0014
0531
1384

Polk Audio
0189

Proscan
1254

Quasar
0039

RCA
1023
1254
0531
1390
1609

Samsung
1295

Sansui
1089
0189

Sony
1058
1258
1158
0158
1558
1658
1758

Stereophonics
1023

Sunfire
1313

Technics
1308
1309
1518
0039

Thorens
1189

Venturer
1390

Victor
0074

Wards
0014
0158
0189

Yamaha
0176
1176

## SETUP CODES FOR TELEVISION

A-Mark
0003

AOC
0030
0003
0052
0185

Abex
0032

Admiral
0093
0463

Advent
0761

Adventura
0046

Aiko
0092

Aiwa
0701

Akai
0030
0702

Alaron
0179

Ambassador
0177

America Action
0180

Ampro
0751

Anam
0180

Anam National
0055

Apex Digital
0748
0765
0767

Archer
0003

Audiovox
0451
0180
0003
0092
0623

Baysonic
0180

Bell & Howell
0154
0016

Bradford
0180

Broksonic
0236
0463
0003

CCE
0217

CXC
0180

Candle
0030
0056
0046
0186

Carnivale
0030

Carver
0054

Celebrity
0000

Celera
0765

Changhong
0765

Cineral
0451
0092

**SETUP CODES FOR**
**TELEVISION** continued

Citizen
0060
0030
0056
0039
0046
0092
0186
0280

Clairtone
0185

Clarion
0180

Concerto
0056

Contec
0180
0157
0185

Craig
0180

Crosley
0054

Crown
0180
0039

Curtis Mathes
0047
0054
0154
0451
0093
0060
0030
0145
0056
0016
0039
0166
0466
0702
0747
1147
1347

Daewoo
0451
0039
0092
0623

Denon
0145

Dumont
0017

Dwin
0720
0774

Electroband
0000
0185

Electrohome
0381

Emerson
0154
0236
0463
0180
0282
0178
0179
0039
0038
0177
0185
0280
0623

Envision
0030

Fisher
0154
0159

Fujitsu
0179
0683

Funai
0180
0179
0171

Futuretech
0180

GE
0047
0051
0451
0282
0178
0021
0055
0027
0135
0747
1147
1347

Gibralter
0017
0030

GoldStar
0030
0178
0001
0032

Gradiente
0053
0056

Grunpy
0180
0179

Hallmark
0178

Harley Davidson
0179

Harman/Kardon
0054

Harvard
0180

Havermy
0093

Hitachi
0145
0056
0016
0032
0038
0151
1145

Infinity
0054

Inteq
0017

JBL
0054

JCB
0000

JVC
0463
0053

Janeil
0046

KEC
0180

KTV
0180
0030
0039
0185
0217
0280

Kaypani
0052

Kenwood
0030

Kloss
0024
0046

Konka
0707

LG
0056

LXI
0047
0054
0154
0156
0178
0747

Logik
0016

Luxman
0056

MEI
0185

MGA
0150
0030
0178

MTC
0060
0030
0056
0185

Magnavox
0054
0030
0179
0020
0024
0096
0186
0187
0386
1254
1454

Majestic
0016

Marantz
0054
0030

Matsushita
0250

Megatron
0178
0145
0003

Memorex
0154
0250
0463
0150
0178
0179
0016

Mercury
0001

Midland
0047
0017
0051
0039
0032
0135
0747

Minutz
0021

Mitsubishi
0093
0150
0178

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**SETUP CODES FOR**
**TELEVISION** continued

Motorola
0093
0055

Multitech
0180
0217

NAD
0156
0178
0166

NEC
0030
0056
0497

NTC
0092

Nikko
0030
0178
0092

Noshi
0018

Onwa
0180

Optimus
0154
0250
0166

Optonica
0093
0165

Orion
0236
0463
0179

Panasonic
0250
0051
0055

Penney
0047
0156
0051
0060
0030
0178
0021
0018
0039
0003
0027
0032
0135
0747
1347

Philco
0054
0463
0030
0145
0020
0096

Philips
0054
0690
1454

Pilot
0030
0039

Pioneer
0038
0166
0679

Portland
0039
0092

Princeton
0717

Prism
0051

Proscan
0047
0747

Proton
0178
0003
0052
0466

Pulsar
0017

Quasar
0250
0051
0165
0055

RCA
0047
0018
0038
0090
0135
0679
0747
1047
1147
1247
1347
1447
1547

RadioShack
0047
0154
0165
0180
0030
0178
0056
0039
0032
0747

| | |
|---|---|
| Realistic | Semivox |
| 0154 | 0180 |
| 0165 | Semp |
| 0180 | 0156 |
| 0030 | Sharp |
| 0178 | 0093 |
| 0056 | 0165 |
| 0039 | 0039 |
| 0032 | 0157 |
| Rhapsody | 0386 |
| 0185 | 0688 |
| Runco | 0689 |
| 0017 | Signature |
| 0030 | 0016 |
| 0497 | Simpson |
| 0603 | 0186 |
| SSS | 0187 |
| 0180 | Sony |
| Sampo | 0000 |
| 0030 | 0080 |
| 0039 | 0111 |
| 0032 | 1100 |
| 0052 | Soundesign |
| Samsung | 0180 |
| 0060 | 0178 |
| 0030 | 0179 |
| 0178 | 0186 |
| 0056 | Spectricon |
| 0032 | 0003 |
| 0702 | Squareview |
| 0766 | 0171 |
| Samsux | Starlite |
| 0039 | 0180 |
| Sansei | Supre-Macy |
| 0451 | 0046 |
| Sansui | Supreme |
| 0463 | 0000 |
| Sanyo | Sylvania |
| 0154 | 0054 |
| 0146 | 0030 |
| 0159 | 0020 |
| Scotch | 0096 |
| 0178 | 0171 |
| Scott | 0381 |
| 0236 | Symphonic |
| 0180 | 0180 |
| 0178 | 0171 |
| 0179 | TMK |
| Sears | 0178 |
| 0047 | 0056 |
| 0054 | 0177 |
| 0154 | TNCi |
| 0156 | 0017 |
| 0178 | TVS |
| 0179 | 0463 |
| 0056 | Tandy |
| 0146 | 0093 |
| 0159 | Tatung |
| 0171 | 0055 |
| 0747 | 0003 |

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Technics
0250
0051

Technol Ace
0179

Techwood
0051
0056
0003

Teknika
0054
0180
0150
0060
0179
0056
0016
0039
0092
0186

Telefunken
0056
0702

Toshiba
0154
0156
0060
1256
1356

Tosonic
0185

Totevision
0039

Trical
0157

Universal
0027

Vector Research
0030

Victor
0053

Vidikron
0054

Vidtech
0178

Viking
0046

Wards
0054
0165
0030
0178
0021
0179
0056
0016
0020
0027
0080
0096
0111

Waycon
0156

White Westinghouse
0463
0623

Yamaha
0030
0769

Zenith
0017
0463
0178
0016
0092

Zonda
0003

**SETUP CODES FOR VCR**

Admiral
0048
0209

Adventura
0000

Aiko
0278

Aiwa
0037
0000

America Action
0278

American High
0035

Asha
0240

Audiovox
0037
0278

Beaumark
0240

Bell & Howell
0104

Broksonic
0184
0121
0209
0002
0479
1479

CCE
0278

Calix
0037

Canon
0035

Carver
0081

Cineral
0278

# MANUFACTURER CODES

| | |
|---|---|
| Citizen | GoldStar |
| 0037 | 0037 |
| 0278 | 1237 |
| 1278 | Gradiente |
| Craig | 0000 |
| 0037 | HI-Q |
| 0047 | 0047 |
| 0240 | Harley Davidson |
| Curtis Mathes | 0000 |
| 0060 | Harman/Kardon |
| 0035 | 0081 |
| 0162 | Hitachi |
| 0760 | 0000 |
| 1035 | 0042 |
| Cybernex | Hughes Network |
| 0240 | Systems |
| Daewoo | 0042 |
| 0045 | JVC |
| 0278 | 0067 |
| 1278 | KEC |
| Denon | 0037 |
| 0042 | 0278 |
| Dynatech | Kenwood |
| 0000 | 0067 |
| Electrohome | Kodak |
| 0037 | 0035 |
| Electrophonic | 0037 |
| 0037 | LXI |
| Emerex | 0037 |
| 0032 | Lloyd's |
| Emerson | 0000 |
| 0037 | MEI |
| 0184 | 0035 |
| 0000 | MGA |
| 0121 | 0240 |
| 0043 | 0043 |
| 0209 | MGN Technology |
| 0002 | 0240 |
| 0278 | MTC |
| 0479 | 0240 |
| 1278 | 0000 |
| 1479 | Magnasonic |
| Fisher | 1278 |
| 0047 | Magnavox |
| 0104 | 0035 |
| Fuji | 0039 |
| 0035 | 0081 |
| 0033 | 0000 |
| Funai | 0563 |
| 0000 | 1781 |
| GE | Magnin |
| 0060 | 0240 |
| 0035 | Marantz |
| 0240 | 0035 |
| 0760 | 0081 |
| 0807 | Marta |
| 1035 | 0037 |
| 1060 | Matsushita |
| Garrard | 0035 |
| 0000 | 0162 |
| Go Video | |
| 0432 | |

**SETUP CODES FOR
VCR** continued

Memorex
0035
0162
0037
0048
0039
0047
0240
0000
0104
0209
0479
1162
1237
1262

Minolta
0042

Mitsubishi
0067
0043
0807

Motorola
0035
0048

Multitech
0000

NEC
0104
0067

Nikko
0037

Noblex
0240

Olympus
0035

Optimus
1062
0162
0037
0048
0104
0432
1162
1262

Orion
0184
0209
0002
0479
1479

Panasonic
1062
0035
0162
0225
0616
1035
1162
1262

Penney
0035
0037
0240
0042
1035
1237

Pentax
0042

Philco
0035
0209
0479

Philips
0035
0081
0618
1081
1181

Pilot
0037

Pioneer
0067

Polk Audio
0081

Profitronic
0240

Proscan
0060
0760
1060

Pulsar
0039

Quasar
0035
0162
1035
1162

RCA
0060
0240
0042
0760
0807
1035
1060

RadioShack
0000

Radix
0037

Randex
0037

Realistic
0035
0037
0048
0047
0000
0104

ReplayTV
0614
0616

Runco
0039

STS
0042

Samsung
0240
0045

Sanky
0048
0039

Sansui
0000
0067
0209
0479
1479

Sanyo
0047
0240
0104

Scott
0184
0045
0121
0043

Sears
0035
0037
0047
0000
0042
0104
1237

Semp
0045

Sharp
0048
0807

Shogun
0240

Sonic Blue
0614
0616

Sony
0035
0032
0000
0033
0636
1032
1232

Sylvania
0035
0081
0000
0043
1781

Symphonic
0000

TMK
0240

Teac
0000

Technics
0035
0162

Teknika
0035
0037
0000

Thomas
0000

Tivo
0618
0636

Toshiba
0045
0043
0845

Totevision
0037
0240

Unitech
0240

Vector
0045

Video Concepts
0045

Videomagic
0037

Videosonic
0240

Villain
0000

Wards
0060
0035
0048
0047
0081
0240
0000
0042
0760

White Westinghouse
0209
1278

XR-1000
0035
0000

Zenith
0039
0000
0209
0033
0479
1479

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**SETUP CODES FOR DIGITAL VIDEO DISC**

Aiwa
0641

Apex Digital
0672
0717
0755
0794
0795
0796
0797
0830

Audiologic
0736

B & K
0655

Blaupunkt
0717

Blue Parade
0571

Broksonic
0695

DVD2000
0521

Daewoo
0784

Denon
0490
0634

Emerson
0591

Enterprise
0591

Fisher
0670

GE
0522
0717
0815

GPX
0699
0769

Go Video
0715

Gradiente
0651

Greenhill
0717

Harman/Kardon
0582
0702

Hitachi
0573
0664

Hiteker
0672

Integra
0627

JBL
0702

JVC
0558
0623
0867

KLH
0717

Kenwood
0490
0534
0682

Konka
0711
0719
0721

Koss
0651

Lasonic
0798

Magnavox
0503
0675

Malata
0782

Marantz
0539

Microsoft
0522

Mintek
0717

Mitsubishi
0521

Nesa
0717

Onkyo
0503
0627

Oritron
0651

Panasonic
0490
0632
1362
1490

Philips
0503
0539
0646
0854

Pioneer
0525
0571
0632

Polk Audio
0539

Proscan
0522

Qwestar
0651

RCA
0522
0571
0717
0822
1022

Rotel
0623

Rowa
0823

Sampo
0698

Samsung
0573
0820

Sansui
0695

Sanyo
0670
0695

Sharp
0630

Shinsonic
0533

Sony
0533
0864

Sylvania
0675
0821

Technics
0490

Theta Digital
0571

Toshiba
0503
0695
1045

Tredex
0799

Urban Concepts
0503

XBox
0522

Yamaha
0490
0539
0545

Zenith
0503
0591

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Manufacturer Codes

Kᴀᴍᴇʟᴇᴏɴ-C6 Rᴇᴍᴏᴛᴇ